

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) SDG F6AK4 Case 42764 Contract EPW11033 Region 6 DDTID 158853 SOW SOM01.2

Data Review Reports

Blanks

Blanks	BNA
BLB14	The following semivolatile samples have common contaminant concentrations reported less than 5x the CRQL. The associated method blank concentration is less than 5x the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	F6AK4, F6AL1, F6AL2, F6AL3, F6AN1
	Bis(2-ethylhexyl)phthalate F6AK4, F6AL1, F6AL2, F6AL3, F6AN1
Blanks	BNA
BLB8	The following semivolatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	F6AK4, F6AL1, F6AL2, F6AL3, F6AN1
	Di-n-butylphthalate F6AK4, F6AL1, F6AL2, F6AL3, F6AN1



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National Functional Guidelines Report #03

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Data Review Reports

DMC/Surrogate

DMC/Surrogate	VOA_Low_Med
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified.
	F6AC6, F6AL3, F6AM8, F6AM9, F6AN0, F6AN1, F6AN2
	1,1-Dichloroethene-d2 F6AC6, F6AL3, F6AM8, F6AM9, F6AN0, F6AN1, F6AN2
	1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

National Functional Guidelines Report #03

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Data Review Reports

Detection Limit

Detection Limit	BNA
BDL1	The following semivolatile samples have analyte concentrations below the quantitaion limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B
	Di-n-butylphthalate F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B
	Bis(2-ethylhexyl)phthalate F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B

National Functional Guidelines Report #03

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Data Review Reports

Detection Limit

Detection Limit	Pest
PDL1	The following pesticide samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	F6AL2, F6AL3, PLCS5Q, PLCS5R
	4,4'-DDE PLCS5Q, PLCS5R
	Endosulfan sulfate PLCS5Q, PLCS5R
	gamma-BHC (Lindane) PLCS5Q, PLCS5R
	Dieldrin PLCS5Q, PLCS5R
	delta-BHC F6AL2
	Endrin PLCS5Q, PLCS5R
	Heptachlor epoxide F6AL2, F6AL3, PLCS5Q, PLCS5R
Detection Limit	Pest
PDL3	The percent difference between analyte results for the following pesticide samples is greater than 25%. Detected and nondetected compounds are not qualified.
	F6AL2, F6AL3
	Heptachlor F6AL2, F6AL3
	delta-BHC F6AL2
	Heptachlor epoxide F6AL2, F6AL3

National Functional Guidelines Report #03

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Detection Limit

Detection Limit	Aroclor
ADL1	The following aroclor samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	ALCS3T
	Aroclor-1260 ALCS3T
	Aroclor-1016 ALCS3T

National Functional Guidelines Report #03

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Data Review Reports

Initial Calibration

Initial Calibration	VOA_Low_Med
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified.
	F6AC5, F6AC6, F6AK4, F6AL1, F6AL2, F6AL3, F6AM8, F6AM9, F6AN0, F6AN1, F6AN2, VBLK1E, VBLK1G, VHBLK1G
	1,4-Dioxane-d8 VSTD0051C, VSTD0101C, VSTD0501C
	F6AC5, F6AC6, F6AK4, F6AL1, F6AL2, F6AL3, F6AM8, F6AM9, F6AN0, F6AN1, F6AN2, VBLK1E, VBLK1G, VHBLK1G
Initial Calibration	VOA_Low_Med
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	F6AC5, F6AC6, F6AK4, F6AL1, F6AL2, F6AL3, F6AM8, F6AM9, F6AN0, F6AN1, F6AN2, VBLK1E, VBLK1G, VHBLK1G
	Bromomethane VSTD0051C
	F6AC5, F6AC6, F6AK4, F6AL1, F6AL2, F6AL3, F6AM8, F6AM9, F6AN0, F6AN1, F6AN2, VBLK1E, VBLK1G, VHBLK1G

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TIC

TIC	BNA
BTIC2	A library search indicates a match below 85% for a TIC compound in the semivolatile sample Detected compounds are qualified J. Nondetected compounds are not qualified.
	F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B
	Unknown-29 F6AN1
	Unknown-09 F6AN1
	Unknown-27 F6AN1
	Unknown-28 F6AN1
	Unknown-07 F6AN1
	Unknown-08 F6AN1
	Unknown-05 F6AL2, F6AL3, F6AN1, SBLK4B
	Unknown-06 F6AL2, F6AL3, F6AN1
	Unknown-03 F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B
	Unknown-21 F6AN1
	Unknown-04 F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B
	Unknown-22 F6AN1
	Unknown-01 F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B
	Unknown-02 F6AK4, F6AL1, F6AL2, F6AL3, F6AN1, SBLK4B
	Unknown-20 F6AN1
	Unknown-25 F6AN1
	Unknown-26 F6AN1
	Unknown-23 F6AN1
	Unknown-24 F6AN1
	Unknown-16 F6AN1
	Unknown-17 F6AN1
	Unknown-18 F6AN1
	Unknown-19 F6AN1
	Unknown-30 F6AN1
	Unknown-12 F6AN1

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TIC

TIC	BNA
Unknown-13	F6AN1
Unknown-14	F6AN1
Unknown-15	F6AN1
Unknown-10	F6AN1
Unknown-11	F6AN1